

Amendments to the Specification:

Please replace paragraph [0050] with the following rewritten paragraph:

[0050] The TEM waveguide 10 is a waveguide such as a microstrip line or a coaxial line and is not particularly limited as long as it can propagate electromagnetic waves in the TEM mode. The TEM waveguide 10, which includes a ground conductor 101 and a line pattern 103, extends in a stacking direction (Y direction) of the ground electrodes 21 and 23 of the waveguide 20, and its end portion is directly connected to the ground electrode 23 as one of the ground electrodes from the stacking direction side and is made conductive. The magnetic field of the TEM waveguide 10 is magnetic field connected in an H plane (plane parallel to the magnetic field) of the waveguide 20. When the waveguide 20 is in the TE mode and the travel direction S of the electromagnetic waves is the Z direction in FIG. 1, the H plane of the waveguide 20 is parallel to an XZ plane of the diagram.

Please replace paragraph [0056] with the following rewritten paragraph:

[0056] In the configuration example, the TEM ~~waveguide 10~~ waveguide 10, which includes a central conductor 111 and a cylindrical ground conductor 112, extends in the stacking direction (Y direction) of the ground electrodes 31, 33, and 34 of the waveguide 30 and its end ~~portion~~ portion, which includes the central conductor 111, is directly connected to the intermediate ground electrode 34 from the stacking direction side via the upper ground electrode 33 and is made conductive. In the upper ground electrode 33, an insertion hole 44 in which the TEM waveguide 10 is inserted is provided. In the intermediate ground electrode 34, a coupling window 41 for adjusting coupling is provided near the position P1 of connection to the TEM waveguide 10. The coupling window 41 is formed by partially cutting the intermediate ground electrode 34, for example, in a rectangular shape. As it is known from FIG. 8 and the like, the insertion hole 44 and the coupling window 41 are provided in a region surrounded by the through holes 45.

Please replace paragraph [0083] with the following rewritten paragraph:

[0083] In the configuration example, the TEM ~~waveguide 10~~ waveguide 10, which includes a central conductor 111 and a cylindrical ground conductor 112, extends in the stacking direction (Y direction) of the ground electrodes 61, 63, and 64 of the waveguide 60 and its end ~~portion~~ portion, which includes the central conductor 111, is directly connected to the intermediate ground electrode 64 from the stacking direction side via the lower ground electrode 61 and is made conductive. In the lower ground electrode 61, an insertion hole 54 in which the TEM waveguide 10 is inserted is provided. In the intermediate ground electrode 64, coupling windows 51A and 51B for coupling adjustment are provided near the position P21 of connection to the TEM waveguide 10. Each of the coupling windows 51A and 51B is formed by partially cutting the intermediate ground electrode 64, for example, in a rectangular shape. The insertion hole 54 and the coupling windows 51A and 51B are provided in a region surrounded by the through holes 55.